

JAPANESE PATENT OFFICE -- Patent Abstracts of Japan

DL

Publication Number: 61115971 A

Date of Publication: 1986.06.03

Int.Class: C09D 5/02

Date of Filing: 1984.11.10

Applicant: ~~MARUO CALCIUM KK~~

Inventor: OKADA EIJI

SAITO TADASHI

MORISHITA TOSHIYA

SHIBATA HIROSHI

KURISUNO SHINJI

MOTOYOSHI SHIROU

WATER PAINT

Abstract:

PURPOSE: To provide a water paint which has excellent viscosity stability and gives a coating film having excellent gloss, by blending an extender pigment obtd. by treating the surface of a fine particle of ground limestone with a surface treating agent contg. a fatty acid ester and an anionic surfactant.

CONSTITUTION: A surface treating agent consisting of 10pts.wt. fatty acid ester (e.g. butyl stearate or methyl oleate) and 1W50pts.wt. sulfonic acid type or sulfate ester type anionic surfactant (e.g. dodecyl benzene-sulfonic acid or laurate) is prepd. 0.5W10pts.wt. said surface treating agent is added to 100pts.wt. fine ground limestone having an average particle size of 0.4W1 μ m obtd. by crushing limestone and classifying crushed powder. The treatment of the surface of the particle is carried out by a dry or wet process. The resulting surface-treated ground limestone is used as an extender pigment to provide the desired water paint.

COPYRIGHT: (C)1986,JPO & Japio